

5. The computer as claimed in claim 1,
wherein said data holding part holds an instruction
address of an instruction which causes said
interrupt.

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6. The computer as claimed in claim 1,
wherein said data holding part holds data which
indicates a factor of said interrupt.

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7. The computer as claimed in claim 1,
wherein said data holding part holds an effective
address of a load instruction or a store instruction
when said interrupt occurs while said load
instruction or said store instruction is executed.

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8. The computer as claimed in claim 1,
wherein said data is used for recovery from said
interrupt.

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9. A control method of a computer which
processes an interrupt when an instruction in a
program is executed, said method comprising the step
of:

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holding data at a time when said interrupt
starts to occur.

5 10. The control method as claimed in claim
9, wherein said data is held in a plurality of
registers and said data is used for recovery from a
plurality of interrupts.

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11. The control method as claimed in claim
10, wherein flags are used in which each of which
15 flags indicates whether said data is held in said
register.

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12. The control method as claimed in claim
9, said control method comprising the step of:
holding said data to be stored in a data
storing part in said computer at a time when said
25 interrupt occurs while a store instruction is
executed, said store instruction requesting that
said data is stored in said data storing part.

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13. The control method as claimed in claim
9, said control method comprising the step of:
holding an instruction address of an
35 instruction which causes said interrupt.

5 holding data which indicates a factor of
said interrupt.

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